

ABSTRACT OF THE DISCLOSURE

Method for splicing a target nucleic acid molecule with a separate nucleic acid molecule. Such splicing generally causes production of a chimeric protein with advantageous features over that protein naturally produced from the target nucleic acid prior to splicing. The method includes contacting the target nucleic acid molecule with a catalytic nucleic acid molecule including the separate nucleic acid molecule.

5 Such contacting is performed under conditions in which at least a portion of the separate nucleic acid molecule is spliced with at least a portion of the target nucleic acid molecule to form a chimeric nucleic acid molecule. In this method, the catalytic nucleic molecule is chosen

10 so that it is not naturally associated with the separate nucleic acid molecule.

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